INFORMAL SEQUENCE LISTING

SEQ ID NO:1

Wild type DT with signal sequence underlined

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SEQ ID NO:2

30 DT-GML1

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SEQ ID NO:3

DT-GML2

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ATGGGCGCGACGACGTCGTCGACTCTTCTAAATCTTTTGTGATGGAAAACTTTTCTTCGTACCACGGGACTAAA CCTGGTTATGTAGATTCCATTCAAAAAGGTATACAAAAGCCAAAATCTGGTACACAAGGAAATTATGACGATGAT TGGAAAGGGTTTTATAGTACCGACAATAAATACGACGCTGCGGGATACTCTGTAGATAATGAAAACCCGCTCTCT GGAAAAGCTGGAGGCGTGGTCAAAGTGACGTATCCAGGACTGACGAAGGTTCTCGCACTAAAAGTGGATAATGCC GAAACTATTAAGAAAGAGTTAGGTTTAAGTCTCACTGAACCGTTGATGGAGCAAGTCGGAACGGAAGAGTTTATC AAAAGGTTCGGTGATGCTTCGCGTGTAGTGCTCAGCCTTCCCTTCGCTGAGGGGAGTTCTAGCGTTGAATAT ATTAATAACTGGGAACAGGCGAAAGCGTTAAGCGTAGAACTTGAGATTAATTTTGAAACCCGTGGAAAACGTGGC CAAGATGCGATGTATGAGTATATGGCTCAAGCCTGTGCAGGAAATGGACCATTAGGATTATGGGCACAAGGTAGC TCATTGTCATGCATAAATCTTGATTGGGATGTCATAAGGGATAAAACTAAGACAAAGATAGAGTCTTTGAAAGAG CATGGCCCTATCAAAAATAAAATGAGCGAAAGTCCCAATAAAACAGTATCTGAGGAAAAAGCTAAACAATACCTA GAAGAATTTCATCAAACGGCATTAGAGCATCCTGAATTGTCAGAACTTAAAACCGTTACTGGGACCAATCCTGTA TTCGCTGGGGCTAACTATGCGGCGTGGGCAGTAAACGTTGCGCAAGTTATCGATAGCGAAACAGCTGATAATTTG GAAAAGACAACTGCTGCTCTTTCGATACTTCCTGGTATCGGTAGCGTAATGGGCATTGCAGACGGTGCCGTTCAC CACAATACAGAAGAGATAGTGGCACAATCAATAGCTTTATCGTCTTTAATGGTTGCTCAAGCTATTCCATTGGTA GGAGAGCTAGTTGATATTGGTTTCGCTGCATATAATTTTGTAGAGAGTATTATCAATTTATTCAAGTAGTTCAT AATTCGTATAATCGTCCCGCGTATTCTCCCGGGCATAAAACGAGGCCTCATATGGCACCAGCACGATCGCCAAGC CCAAGCACGCAGCCCTGGGAGCATGTGAATGCCATCCAGGAGGCCCGGCGTCTCCTGAACCTGAGTAGAGACACT GCTGCTGAGATGAATGAACAGTAGAAGTCATCTCAGAAATGTTTGACCTCCAGGAGCCGACCTGCCTACAGACC CGCCTGGAGCTGTACAAGCAGGGCCTGCGGGGCAGCCTCACCAAGCTCAAGGGCCCCTTGACCATGATGGCTAGC CACTACAAGCAGCACTGCCCTCCAACCCCGGAAACTTCCTGTGCGACCCAGACTATCACCTTTGAAAGTTTCAAA GAGAACCTGAAGGACTTTCTGCTTGTCATCCCCTTTGACTGCTGGGAGCCAGTACAGGAAGCTTGA

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SEQ ID NO:4

DT-GMU2

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GGAAAAGCTGGAGGCGTGGTCAAAGTGACGTATCCAGGACTGACGAAGGTTCTCGCACTAAAAGTGGATAATGCC

GAAACTATTAAGAAAGAGTTAGGTTTAAGTCTCACTGAACCGTTGATGGAGCAAGTCGGAACGGAAGAGTTTATC AAAAGGTTCGGTGATGGTGCTTCGCGTGTAGTGCTCAGCCTTCCCTTCGCTGAGGGGAGTTCTAGCGTTGAATAT ATTAATAACTGGGAACAGGCGAAAGCGTTAAGCGTAGAACTTGAGATTAATTTTGAAACCCGTGGAAAACGTGGC CAAGATGCGATGTATGAGTATATGGCTCAAGCCTGTGCAGGAAATGGAAGTGGAAGATCAGCAGGTAGCTCATTG TCATGCATAAATCTTGATTGGGATGTCATAAGGGATAAAACTAAGACAAAGATAGAGTCTTTGAAAGAGACATGGC CCTATCAAAAATAAAATGAGCGAAAGTCCCAATAAAACAGTATCTGAGGAAAAAGCTAAACAATACCTAGAAGAA TTTCATCAAACGGCATTAGAGCATCCTGAATTGTCAGAACTTAAAACCGTTACTGGGACCAATCCTGTATTCGCT GGGGCTAACTATGCGGCGTGGGCAGTAAACGTTGCGCAAGTTATCGATAGCGAAACAGCTGATAATTTGGAAAAG ${\tt ACAACTGCTGCTCTTTCGATACTTCCTGGTATCGGTAGCGTAATGGGCATTGCAGACGGTGCCGTTCACCACAAT}$ ACAGAAGAGATAGTGGCACAATCAATAGCTTTATCGTCTTTAATGGTTGCTCAAGCTATTCCATTGGTAGGAGAG TATAATCGTCCCGCGTATTCTCCCGGGCATAAAACGAGGCCTCATATGGCACCAGCACGATCGCCAAGCCCAAGC ACGCAGCCCTGGGAGCATGTGAATGCCATCCAGGAGGCCCGGCGTCTCCTGAACCTGAGTAGAGACACTGCTGCT GAGATGAATGAAACAGTAGAAGTCATCTCAGAAATGTTTGACCTCCAGGAGCCGACCTGCCTACAGACCCGCCTG GAGCTGTACAAGCAGGGCCTGCGGGGCAGCCTCACCAAGCTCAAGGGCCCCTTGACCATGATGGCTAGCCACTAC AAGCAGCACTGCCCTCCAACCCCGGAAACTTCCTGTGCGACCCAGACTATCACCTTTGAAAGTTTCAAAGAGAAC CTGAAGGACTTTCTGCTTGTCATCCCCTTTGACTGCTGGGAGCCAGTACAGGAAGCTTGA

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SEQ ID NO:5

DT-GMU3

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ATGGGCGCCGACGACGTCGTCGACTCTTCTAAATCTTTTGTGATGGAAAACTTTTCTTCGTACCACGGGACTAAA CCTGGTTATGTAGATTCCATTCAAAAAGGTATACAAAAGCCAAAATCTGGTACACAAGGAAATTATGACGATGAT TGGAAAGGGTTTTATAGTACCGACAATAAATACGACGCTGCGGGATACTCTGTAGATAATGAAAACCCGCTCTCT GGAAAAGCTGGAGGCGTGGTCAAAGTGACGTATCCAGGACTGACGAAGGTTCTCGCACTAAAAGTGGATAATGCC GAAACTATTAAGAAAGAGTTAGGTTTAAGTCTCACTGAACCGTTGATGGAGCAAGTCGGAACGGAAGAGTTTATC AAAAGGTTCGGTGATGGTGCTTCGCGTGTAGTGCTCAGCCTTCCCTTCGCTGAGGGGAGTTCTAGCGTTGAATAT ATTAATAACTGGGAACAGGCGAAAGCGTTAAGCGTAGAACTTGAGATTAATTTTGAAACCCGTGGAAAACGTGGC CAAGATGCGATGTATGAGTATATGGCTCAAGCCTGTGCAGGAAATGGAAGTGGAAAATCAGCAGGTAGCTCATTG TCATGCATAAATCTTGATTGGGATGTCATAAGGGATAAAACTAAGACAAAGATAGAGTCTTTGAAAGAGCATGGC CCTATCAAAAATAAAATGAGCGAAAGTCCCAATAAAACAGTATCTGAGGAAAAAGCTAAACAATACCTAGAAGAA TTTCATCAAACGGCATTAGAGCATCCTGAATTGTCAGAACTTAAAAACCGTTACTGGGACCAATCCTGTATTCGCT GGGGCTAACTATGCGGCGTGGGCAGTAAACGTTGCGCAAGTTATCGATAGCGAAACAGCTGATAATTTGGAAAAG ACAACTGCTGCTCTTTCGATACTTCCTGGTATCGGTAGCGTAATGGGCATTGCAGACGGTGCCGTTCACCACAAT ACAGAAGAGATAGTGGCACAATCAATAGCTTTATCGTCTTTAATGGTTGCTCAAGCTATTCCATTGGTAGGAGAG TATAATCGTCCCGCGTATTCTCCCGGGCATAAAACGAGGCCTCATATGGCACCAGCACGATCGCCAAGCCCAAGC ACGCAGCCCTGGGAGCATGTGAATGCCATCCAGGAGGCCCGGCGTCTCCTGAACCTGAGTAGAGACACTGCTGCT GAGATGAATGAAACAGTAGAAGTCATCTCAGAAATGTTTGACCTCCAGGAGCCGACCTGCCTACAGACCCGCCTG GAGCTGTACAAGCAGGGCCTGCGGGGCAGCCTCACCAAGCTCAAGGGCCCCTTGACCATGATGGCTAGCCACTAC AAGCAGCACTGCCCTCCAACCCCGGAAACTTCCTGTGCGACCCAGACTATCACCTTTGAAAGTTTCAAAGAGAAC CTGAAGGACTTTCTGCTTGTCATCCCCTTTGACTGCTGGGAGCCAGTACAGGAAGCTTGA

25 SEQ ID NO:6

DT-EGFL1

5 SEQ ID NO:7

DT-EGFL2

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SEO ID NO:8

DT-EGFU2

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SEQ ID NO:9

DT-EGFU3

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SEQ ID NO:10

DT-IL2L1

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SEQ ID NO:11

DT-IL2L2

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SEQ ID NO:12

DT-IL2U2

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SEO ID NO:13

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SEQ ID NO:14 T7 promoter primer (5' primer for DT constructs)

5 GTAATACGACTCACTATAGGGC

SEQ ID NO:15

3' mutagenic primer for U2 constructs

10 GATTTATGCATGACAATGAGCTACCTGCTGATCTTCCACTTCCATTTCCTGCACAGGCTTG

SEQ ID NO:16

3' mutagenic primer for U3 constructs

15 GATTTATGCATGACAATGAGCTACCTGCTGATTTTCCACTTCCATTTCCTGCACAGGCTTG

SEQ ID NO:17

3' mutagenic primer for L1 constructs

20 GATTTATGCATGACAATGAGCTACCTTGACTCAACATTCCTAATGGTCCATTTCCTGCACAGGCTTG

SEQ ID NO:18

3' mutagenic primer for L2 constructs

25 GATTTATGCATGACAATGAGCTACCTTGTGCCCATAATCCTAATGGTCCATTTCCTGCACAGGCTTG

SEQ ID NO:19

MMP substrate octapeptide for L1 constructs

30 GPLGMLSQ

SEQ ID NO:20

MMP substrate octapeptide for L2 constructs

35 GPLGLWAQ

SEQ ID NO:21

uPA substrate hexapeptide for U2 constructs

40 GSGRSA

SEQ ID NO:22

uPA substrate hexapeptide for U3 constructs

45 GSGKSA